

**REMARKS**

Claims 1-40 are pending and have been allowed.

**Objections to the Drawings:**

At page 3 of the Office Action, the Examiner objects to the drawings, stating that the drawings do not show a feature that "the synthesizer performs the time averaging, an AND operation or an OR operation." Presumably, the Examiner is referring to claims 2, 25 and 31.

The Examiner's attention is directed to FIG. 4, wherein the synthesis method of claims 2, 25 and 31 is illustrated with waveforms identified as "d1, d3, sa<sub>AVERAGE</sub>, sa<sub>OR</sub> and sa<sub>AND</sub>." A description of the synthesis method is included at paragraphs [0023] and [0024]. It is submitted that the averaging, OR and AND synthesis methods are sufficiently shown in FIG. 4 to illustrate the claimed invention to a person of ordinary skill in the art when taken in conjunction with the description thereof at paragraphs [0023] and [0024]. It is respectfully requested that the objection to the drawings be withdrawn and the application be passed to issue.

**Information Disclosure Statement:**

On January 31, 2005, an information disclosure statement was filed, including a PTO 1449 listing several references. It is respectfully requested that the Examiner return an initialed and signed copy of the PTO-1449 indicating that the references listed thereon have been considered by the Examiner.

**Conclusion:**

There being no further outstanding objections or rejections, it is submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 503333.

Respectfully submitted,

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